



"REPLACEMENT"

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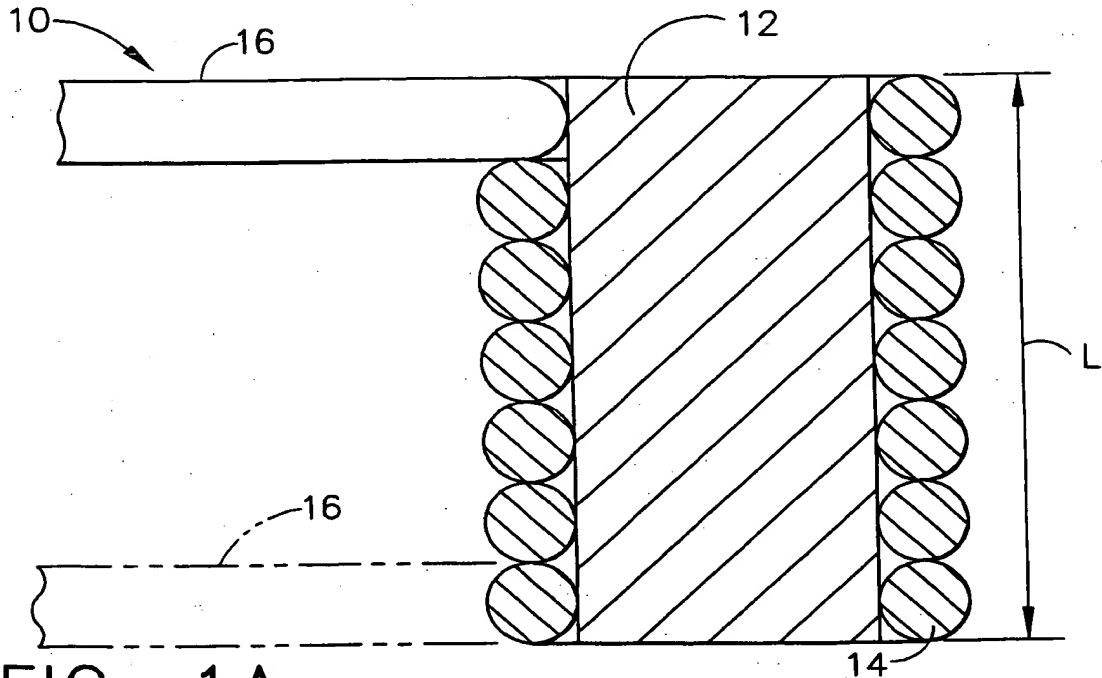


FIG. 1A

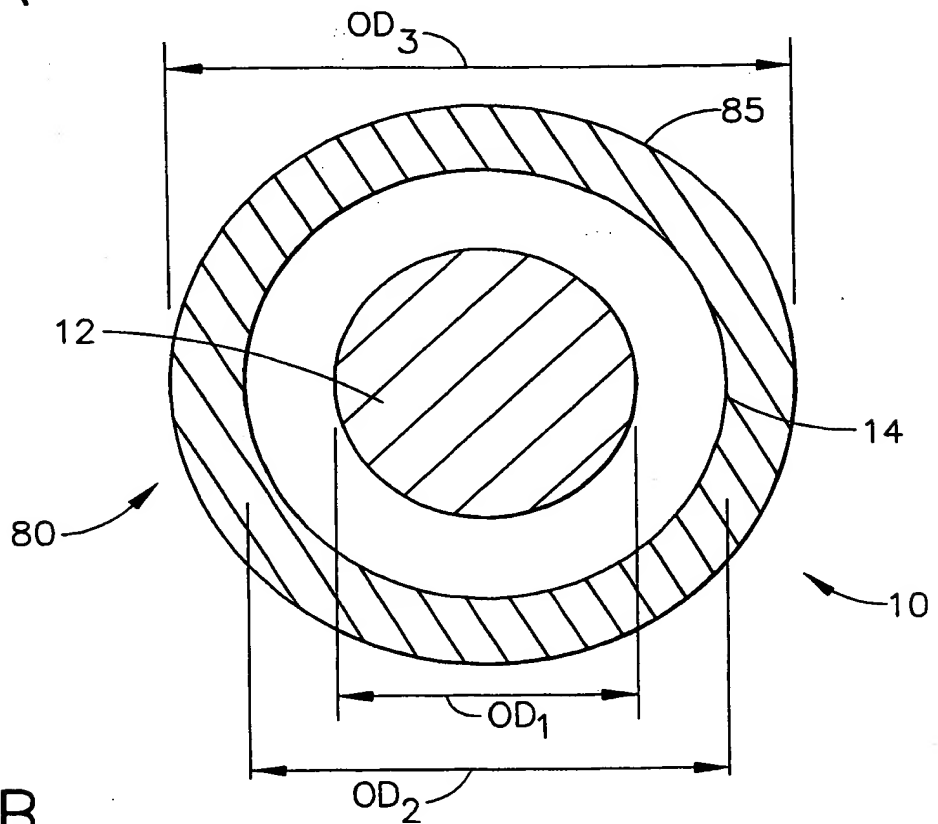


FIG. 1B

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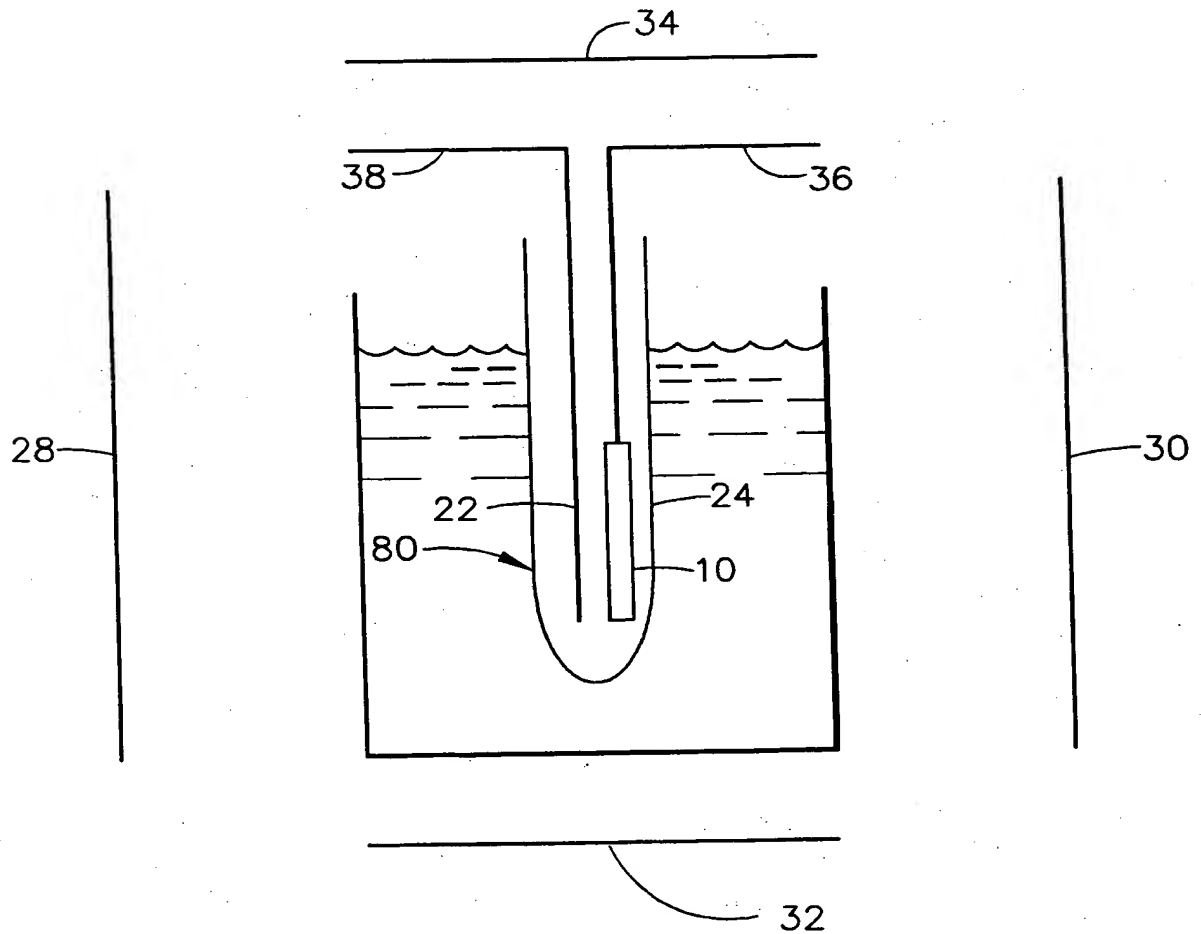


FIG. 2

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REGRESSING HEAT EXPERIMENT SENSOR 2

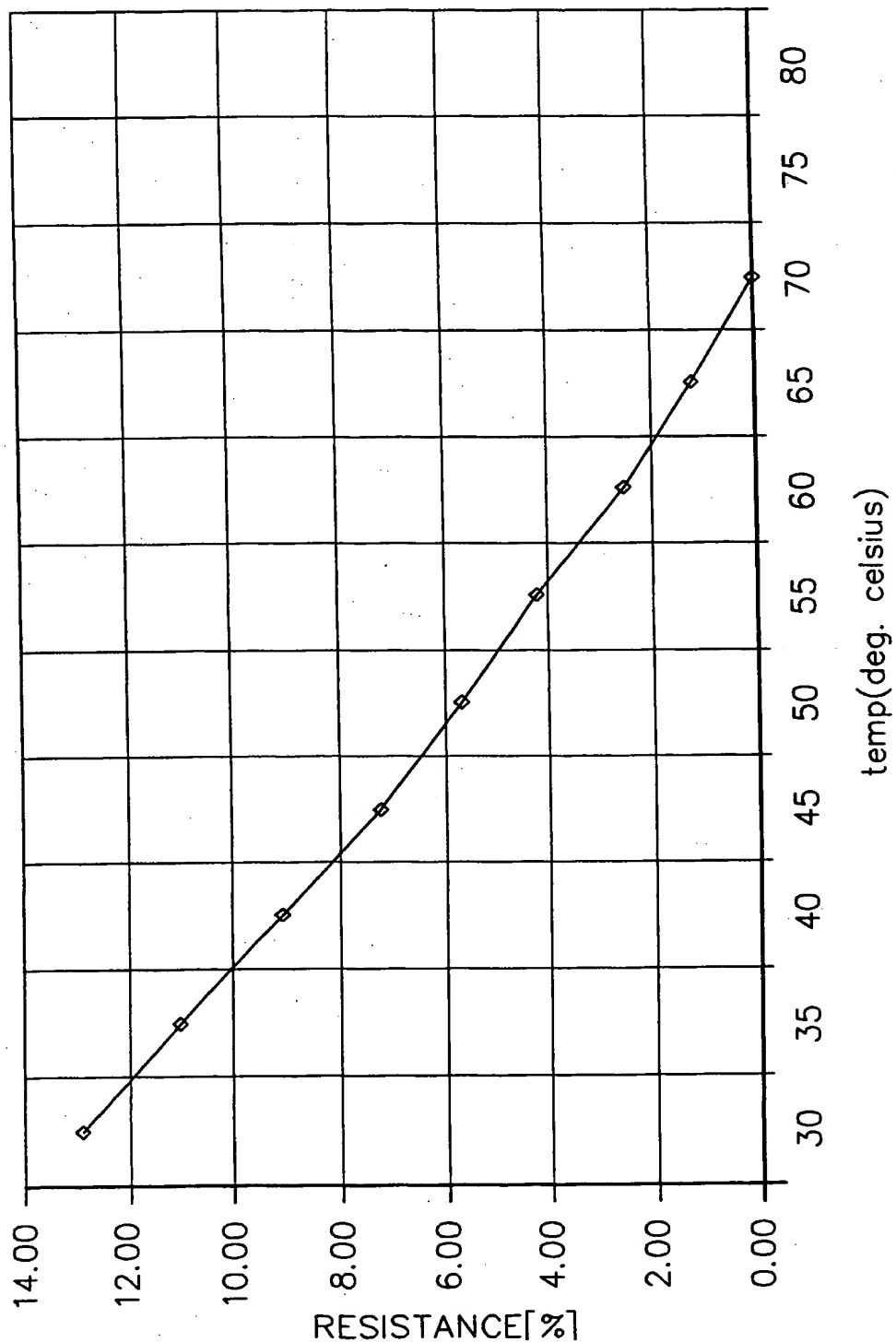


FIG. 3A

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE  
SENSITIVITY WITH A MEDICAL DEVICE HAVING A POSITION SENSOR

INVENTOR: ASSAF GOVARI

SN: 09/882,126; BIO-136

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

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REGRESSING HEAT EXPERIMENT SENSOR 2

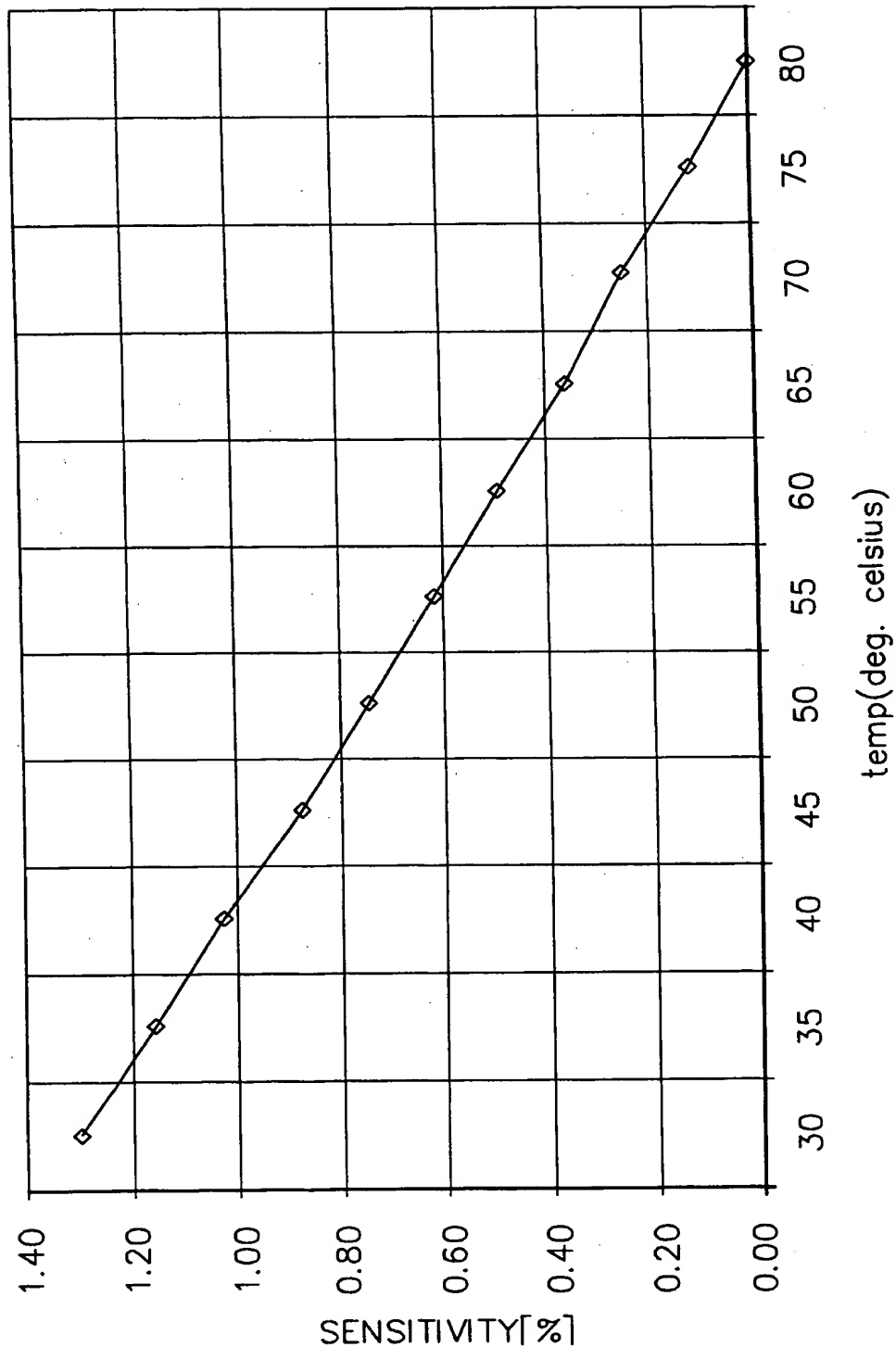


FIG. 3B

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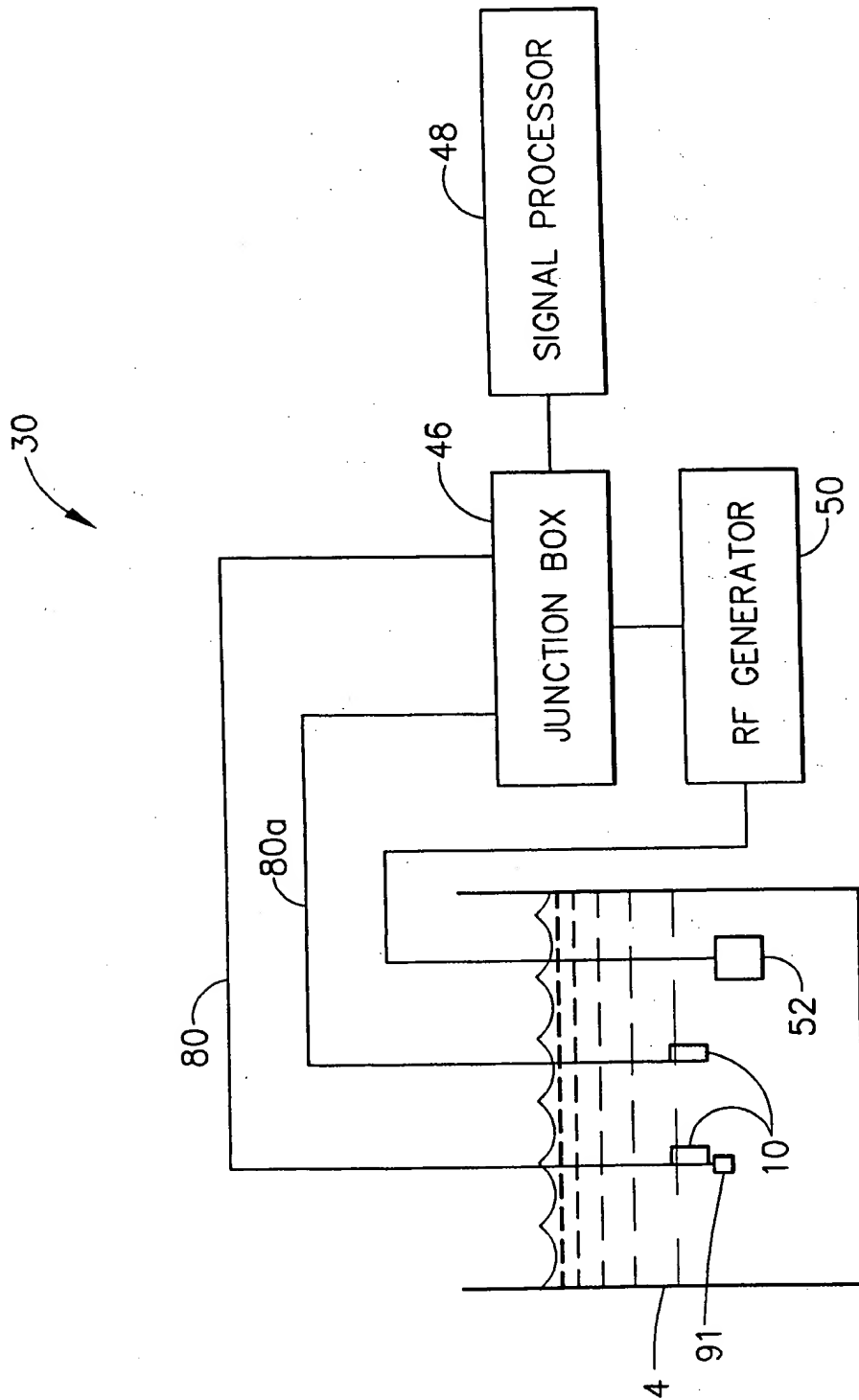


FIG. 4

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE  
SENSITIVITY WITH A MEDICAL DEVICE HAVING A POSITION SENSOR

INVENTOR: ASSAF GOVARI

SN: 09/882,126; BIO-136

ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

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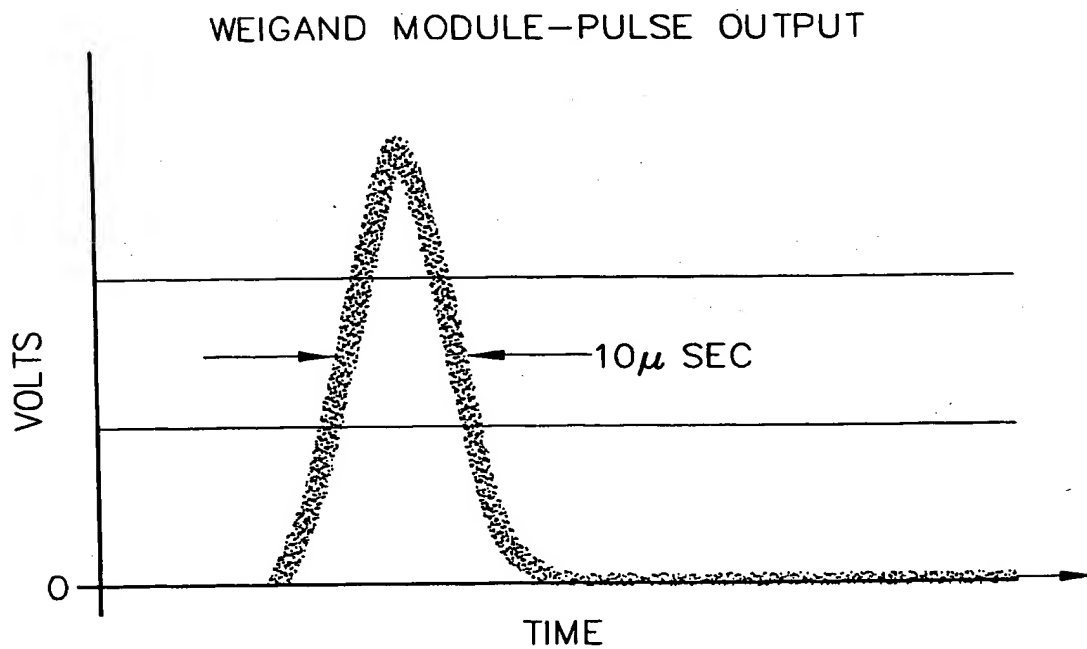


FIG. 5

METHOD FOR MEASURING TEMPERATURE AND OF ADJUSTING FOR TEMPERATURE  
SENSITIVITY WITH A MEDICAL DEVICE HAVING A POSITION SENSOR

INVENTOR: ASSAF GOVARI

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ATTY: LOUIS J. CAPEZZUTO; PHONE: (732) 524-2218

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REGRESSING HEAT EXPERIMENT

	1		2		3		4	
	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance
30	2.6290	1.39	2.3925	1.30	2.4537	1.31	2.6864	1.26
35	2.6327	1.25	2.3958	1.18	2.4567	1.18	2.6896	1.14
40	2.6356	1.13	2.3990	1.03	2.4598	1.06	2.8728	1.03
45	2.6390	1.00	2.4025	0.86	2.4632	0.92	2.8765	0.90
50	2.6419	0.89	2.4057	0.74	2.4670	0.76	2.8801	0.77
55	2.6457	0.75	2.4087	0.62	2.4744	0.62	2.8838	0.64
60	2.6489	0.63	2.4116	0.50	2.4774	0.45	2.8875	0.52
65	2.6519	0.51	2.4148	0.36	2.4774	0.34	2.8913	0.38
70	2.6567	0.37	2.4176	0.25	2.4799	0.24	2.8952	0.25
75	2.6599	0.21	2.4207	0.12	2.4833	0.10	2.8986	0.13
80	2.6555	0.00	2.4236	0.00	2.4859	0.00	2.9024	0.00
slope	-0.0266	-0.3165	-0.0250	-0.3233	-0.0289	-0.3305	-0.0254	-0.3279

	5		6		7		8	
	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance	sensitivity	resistance
30	3.3480	1.00	2.4057	1.25	2.4290	1.32	2.5002	1.11
35	3.3506	0.92	2.4061	1.15	2.4319	1.20	2.5029	1.00
40	3.3533	0.84	2.4108	1.04	2.4356	1.05	2.5053	0.91
45	3.3568	0.74	2.4141	0.90	2.4387	0.92	2.5070	0.84
50	3.3605	0.62	2.4157	0.79	2.4428	0.75	2.5093	0.75
55	3.3642	0.51	2.4196	0.66	2.4452	0.61	2.5134	0.58
60	3.3674	0.42	2.4232	0.52	2.4494	0.48	2.5157	0.49
65	3.3708	0.32	2.4265	0.38	2.4516	0.39	2.5168	0.45
70	3.3749	0.20	2.4293	0.27	2.4546	0.25	2.5215	0.26
75	3.3780	0.10	2.4326	0.13	2.4580	0.13	2.5247	0.13
80	3.3815	0.00	2.4358	0.00	2.4511	0.00	2.5280	0.00
slope	-0.205	-0.3124	-0.0253	-0.2934	-0.0266	-0.5271	-0.0219	-0.3069

FIG. 6